

**Oak Park - CAMS 634 - AutoGC Values (ppb-V) With Statistical Data  
Quarter Ending 3-31-06**

<b>Chemical</b>	<b>num</b>	<b>mean*</b>	<b>Annual ESL</b>	<b>p90</b>	<b>p99</b>	<b>max*</b>	<b>1-Hour ESL</b>
Ethane	1795	10.16		23.75	64.70	295.50	10000
Ethylene	1795	1.12		2.35	7.60	73.05	1022
Propane	1795	7.26	1000	18.83	57.83	185.27	10000
Propylene	1795	1.12		2.83	11.07	23.57	68120
n_Butane	1795	4.39	50	10.88	32.83	129.15	500
Isobutane	1795	3.33	800	8.10	23.73	95.38	8000
_13_Butadiene	1795	0.05	5	0.10	0.33	7.10	50
_1_Butene	1795	0.17	740	0.38	2.33	5.95	7400
c_2_Butene	1795	0.16	740	0.33	2.28	4.53	7400
t_2_Butene	1795	0.21	740	0.43	3.03	5.98	7400
n_Pentane	1795	1.46	100	3.78	15.14	44.82	1000
Isopentane	1795	2.65	120	7.20	18.64	76.76	1200
_1_Pentene	1795	0.05	800	0.12	0.42	1.60	8000
c_2_Pentene	1795	0.05	800	0.12	0.44	2.18	8000
t_2_Pentene	1795	0.10	800	0.22	0.84	4.76	8000
Benzene	1795	0.81	1	1.78	8.38	46.03	25
Cyclohexane	1795	0.33	100	0.85	3.53	32.07	1000
n_Hexane	1795	0.71	120	1.63	8.05	19.63	1200
Toluene	1794	0.68	50	1.64	5.00	15.30	500
p_Xylene_m_Xylene	1795	0.26	800	0.64	1.96	7.93	8000
o_Xylene	1795	0.10	100	0.23	0.63	1.53	1000
EthylBenzene	1795	0.07	100	0.18	0.53	1.20	1000
Cumene	1795	0.03	50	0.08	0.48	1.72	500
_124_Trimethylbenzene	1795	0.08	25	0.18	0.76	7.30	250

**NOTES:**

\* Bordered cells denote values greater than ESL.

1. Because data quality assurance is an on-going process, reported concentrations are subject to change.
2. Effects screening levels are not pollutant standards, and are used qualitatively to determine when concentrations are high enough to merit further investigation.
3. Individual concentration measurements are taken over a 40-minute period, which is judged to be representative of the hour within which the sample was taken. Thus, it is appropriate to compare this measurement with a one-hour ESL. A three-month quarterly average concentration may or may not be representative of a full year, as some seasonal effects may exist; nevertheless, for screening purposes, it is a long-enough period to compare with an annual ESL.